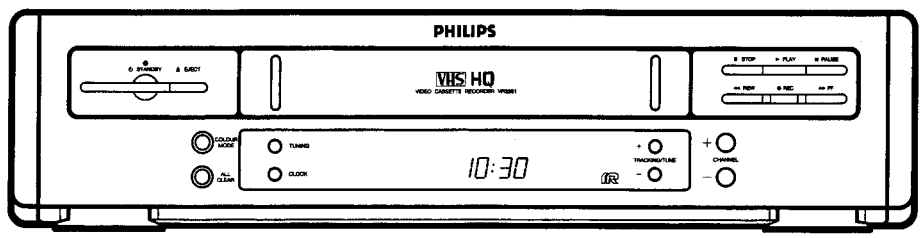
CONSUMER ELECTRONICS

PHILIPS

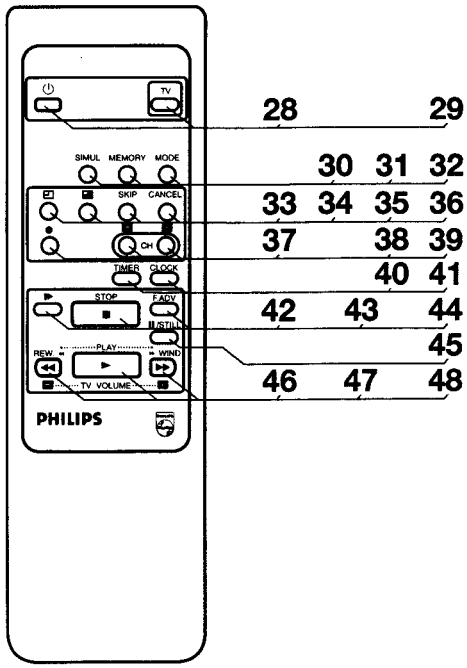


VHS HQ PAL

VR3261/57

OPERATING INSTRUCTIONS VIDEO RECORDER

盒帶式錄影機使用說明書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SIMUL
MEMORY
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TIMER
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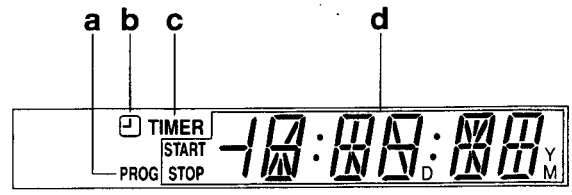
STILL
REW
PLAY
WIND
TV VOLUME
PHILIPS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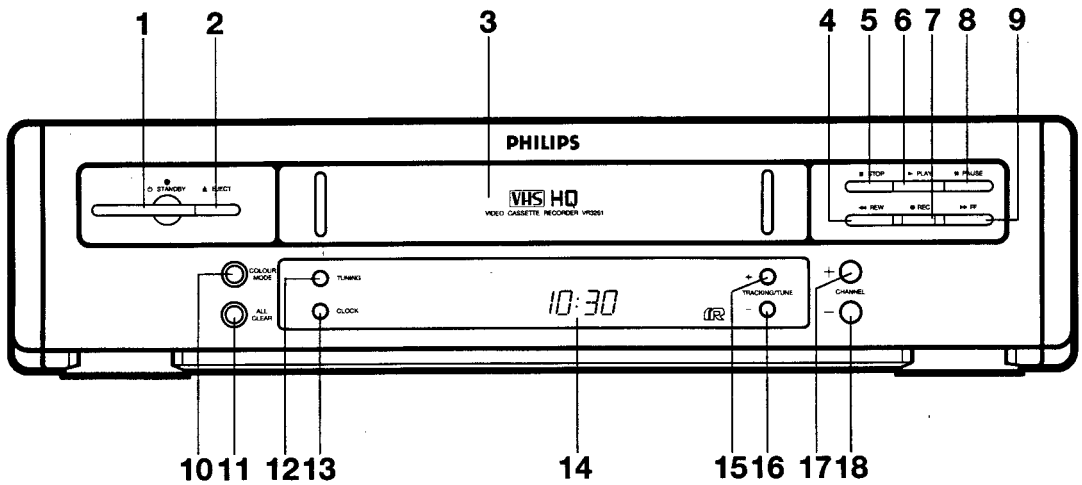
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PHILIPS
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EJECT
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STOP
PLAY
PAUSE
REW
REC
FF
COLOUR MODE
ALL CLEAR
TUNING
CLOCK
10:30
TRACKING/TUNE
CHANNEL
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11
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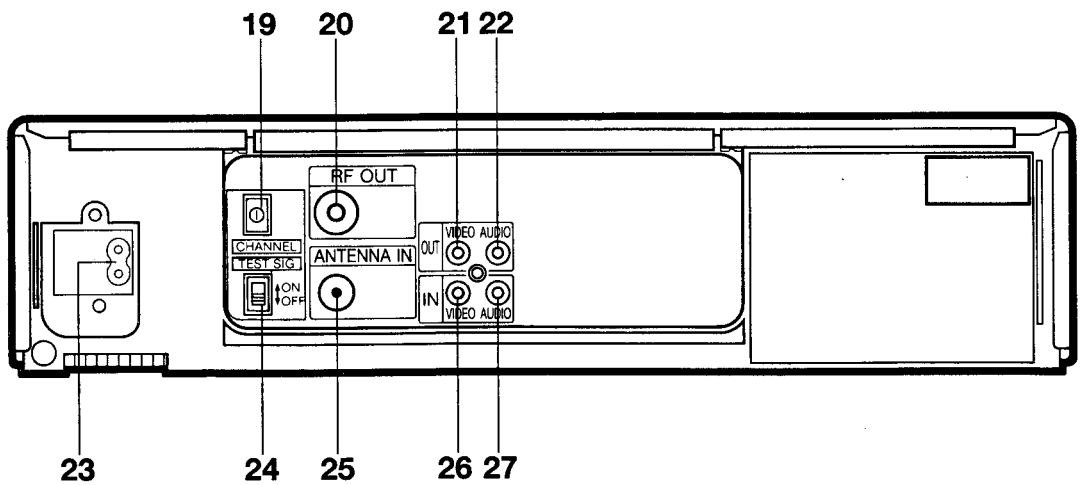
19
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21
22
RF OUT
CHANNEL
TEST SIG
ON
OFF
ANTENNA IN
OUT
IN
VIDEO
AUDIO
23
24
25
26
27

ServiceServiceService

PHILIPS

Model: VR3261/57

Serial: .....

Ref: .....

Video Guarantee

影視產品保用咭

* This guarantee card is valid only in Hong Kong and Macau.

This part should be retained by the CUSTOMER.

This product is made of high quality material and great care has been taken in its manufacture. It is designed to give good performance provided it is properly operated and maintained. This product is sold subject to the understanding that if any defect in manufacture or material shall appear within 12 months from date of consumer sale, Philips Hong Kong Ltd., Consumer Service Division will arrange for such defect to be rectified without charge provided that:

* The attached guarantee register card is duly completed, returned to and received by Philips Hong Kong Ltd., Consumer Service within 10 days of purchase.
* The defect is not due to use of the product for other than domestic purposes, or on an incorrect voltage, or contrary to operating instructions, or to accidental damage (whether in transit or otherwise), misuse, neglect or inexpert repair, or incorrect installation. This guarantee card does not cover accessories belonging to the product.
* After the guarantee period, your Philips product can be kept in top working order throughout the year by joining our comprehensive maintenance contract which covers also the replacement of spareparts.
* This guarantee card is valid only in Hong Kong and Macau.

此保用單只在香港及澳門通用
用戶請保留此咭

此產品是一件設計精良，用高品質元件製造之家庭電器用品，在正確使用及保養下應能正確地表現其優越性能。在購買日期開始計一年內，若發生任何因元件之損壞，飛利浦家庭電器服務部會免費爲用戶加以維修。

保用條例：

* 貴戶須在購機十天內準時把保用登記咭寄回香港飛利浦家庭電器服務部，保用手續才正式生效。
* 保用只限於一般使用情況下有效。一切人爲損壞，例如接入不適當電源；不依說明書使用；因意外而造成之損壞(包括運輸方面及其他)；非經本公司認可之維修；錯誤或疏忽使用該機；不適當之安裝等等，保用立即失效。此保用並不包括任何其他附件及輔助裝置。
* 保用期後貴戶更可參加飛利浦完善的保養服務。
* 此保用單只在香港及澳門通用。

SERVICING CENTRE:

Hong Kong: Site 7, Ground Floor, Whampoa Garden, Hung Hom, Kowloon
Service Hot-Line 852-3344338 (24 hours)

Macau: No.29 C.D.E. R/C
Avenida Ouvidor Arrianga, Macau
Tel: 853-578578

服務中心：

香港：九龍紅磡黃埔花園第 7 期地下
服務熱線電話：334 4338(廿四小時)

澳門：澳門雅廉訪大馬路
29號C.D.E. 地下
電話：853-578578

ServiceServiceService **PHILIPS**

Model: VR3261/57

Serial: .....

Ref: .....

GUARANTEE REGISTER CARD

This guarantee card is valid only in Hong Kong and Macau.
此保用單只在香港及澳門通用

Customer's Name: .....
用戶姓名
Address: .....
地址
.....

Res. Tel. No.: .....
住宅電話
Off. Tel. No.: .....
辦公電話
Shop name and address: .....
購買商號名稱及地址
.....

Please fill in both telephone number, for the purpose of efficient contact. 請填寫住宅及辦公電話號碼，以便聯絡。

Video Guarantee

CUSTOMER'S CONFIRMATION

I confirm that this apparatus was delivered to me on ..... (date), and is functioning to my satisfaction. Please register this guarantee in accordance with conditions shown.
本人已於.....(日期)收妥上述器材，其性能甚感滿意，
請將本人之記錄存入貴公司之保用檔案爲荷。

Signature: .....
用戶簽名

In order to provide better service for you, we would be most grateful if you could answer the following questions:
爲使本公司能提供更完善服務，請填妥下列問題(祇需在適當的空格內填上✓) **(Please put a ✓ in the appropriate box)**

1. Age 年齡：
   a. ☐ 15–24
   b. ☐ 25–34
   c. ☐ 35–44
   d. ☐ 45+
2. Moved in current address recently
   是否新入伙
   a. ☐ Yes 是
   b. ☐ No 否
3. a. ☐ New purchase 第一次購買
   b. ☐ Replacement 替換舊機 — Previous brand ..... 舊機牌子
   c. ☐ Additional 添置
4. Reasons for buying Philips 選擇飛利浦的原因
   a. ☐ Advertising 廣告
   b. ☐ Friend's recommendation 朋友推薦
   c. ☐ Confidence in Philips 對飛利浦有信心
   d. ☐ Recommended by shop 電器行推薦
   e. ☐ Good after sales service 擁有完善保養維修服務
5. Other Philips products owned
   除上述產品外，還擁有飛利浦
   a. ☐ Colour TV 彩色電視機
   b. ☐ VCR 錄影機
   c. ☐ Washing Machine 洗衣機
   d. ☐ Refrigerator 雪櫃
   e. ☐ Air Conditioner 冷氣機
   f. ☐ Compact Disc Player 雷射唱盤
   g. ☐ Philishave 電鬚刨
   h. ☐ Heater 暖爐
   i. ☐ Hi-Fi 音響組合
   j. ☐ Radio Recorder 收音錄音機
6. What do you think of Philips products?
   閣下對飛利浦產品有什麼意見？
   a. ☐ Good Design 外型設計美觀
   b. ☐ High Performance 性能良好
   c. ☐ Durable 耐用
   d. ☐ Reasonably priced 價錢適中
7. How satisfied are you with our installation & repair services
   閣下對飛利浦之安裝及修理服務是否滿意？
   a. ☐ Very satisfied 非常滿意
   b. ☐ Satisfied 滿意
   c. ☐ Unsatisfied 不滿意
   d. ☐ Very unsatisfied 非常不滿意
8. How satisfied are you with our delivery service?
   閣下對飛利浦之送貨服務是否滿意？
   a. ☐ Very satisfied 非常滿意
   b. ☐ Satisfied 滿意
   c. ☐ Unsatisfied 不滿意
   d. ☐ Very unsatisfied 非常不滿意

注意 IMPORTANT

請即填妥本咭以
確保獲得飛利浦最
完善的保養服務

Please fill in and return this card immediately to obtain the full benefits of the Philips comprehensive service plan.

Cut along dotted line

Flap

Flap

Flap

POSTAGE
WILL BE
PAID BY
LICENSEE

郵費由持
牌人支付

BUSINESS REPLY SERVICE
LICENCE No. 350

PHILIPS HONG KONG LIMITED
CONSUMER SERVICE DIVISION
SITE 7, GROUND FLOOR,
WHAMPOA GARDEN,
HUNG HOM, KOWLOON

NO POSTAGE
STAMP
NECESSARY IF
POSTED IN
HONG KONG

如在本港投寄
毋須貼上郵票

Front

1 ⏻ On-Standby button
2 ⏏ Eject button
3 Cassette holder
4 ◀◀ Rewind/Picture search reverse button
5 ■ Stop button
6 ▶ Play button
7 ● Record button
8 ❚❚ Pause/Still Frame button
9 ▶▶ Wind/Picture search forward button
10 Colour mode selector button
11 All clear button
12 Tuning button
13 Clock set button
14 Display
15 + Tracking/Tune Up button
16 − Tracking/Tune Down button
17 + Channel/Clock/Timer Up button
18 − Channel/Clock/Timer Down button

Rear

19 ◍ VCR output channel adjuster
20 RF out socket
21 Video out socket
22 Audio out socket
23 AC socket
24 Test Sig. switch
25 Antenna in socket
26 Video in socket
27 Audio in socket

Remote control

28 ⏻ On-Standby button
29 TV mode button
30 Simulcast button
31 Counter memory button (Zero return)
32 Mode button
33 ◰ OTR button
34 ◪ Delay OTR button
35 Skip search button
36 Cancel button
37 ● Record button
38 − Channel/Clock/Timer Down − button
39 + Channel/Clock/Timer Up + button
40 Timer button
41 Clock set button
42 ❚▶ Slow button
43 ■ Stop button
44 F.ADV Frame advance button
45 ❚❚/STILL Pause/Still Frame button
46 REW. ◀◀ Rewind/Picture search reverse button
47 ▶ Play button
48 WIND ▶▶ Wind/Picture search forward button

Display

a PROG indicator
b ◰ OTR indicator
c Timer recording indicator
d Time/Mode/Counter/Channel/Date display

Remember: Only use cassettes of a well-known brand which carry the VHS logo.

VHS
PAL SECAM

Contents

Section 1	Installation	page (**3**)
Section 2	Cassettes	page (**6**)
Section 3	Playback of a cassette	page (**6**)
Section 4	Operation of controls	page (**7**)
Section 5	Remote control	page (**9**)
Section 6	Attended recording of TV programmes	page (**11**)
Section 7	Unattended recording of TV programmes	page (**13**)
Section 8	Checks before requesting service	page (**16**)
Section 9	Technical data	page (**18**)

Using this book

All letters in circles Ⓐ, Ⓑ, Ⓒ etc. refer to 'steps' within each section/each function.

All numbers and letters in bold type **1**, **2**, **3**, **a**, **b**, **c** etc. refer to the main illustration on the inside front cover and to illustrations at the start of each section.

INTRODUCTION

Congratulations on purchasing your new VCR (Video Cassette Recorder). It is one of the most sophisticated yet simple-to-use home video recorders you can buy.
It will give you many hours of enjoyment, whether you use it for playing back prerecorded cassettes of your favourite films, or for recording TV programmes which you would otherwise have missed. Alternatively, you may find it an invaluable business aid.

You can't wait to get it working, but before you do, spare a few moments to read this brief introduction to the world of video recording. It may repay you handsomely in terms of improved results, or avoidance of costly mistakes.

Your VCR is prepared for reception of PAL TV programmes according to the Hong Kong standard. Pre-recorded PAL cassettes from other areas can be played on this machine, except those of the Brazilian PAL standard.

Video cassettes recorded with the SECAM colour system can be played back in black and white. This is a technical condition and does not indicate a malfunction.
Cassettes recorded in the NTSC colour system cannot be played back.

What is a video recorder?

Simply, it is a machine which stores pictures and sound on magnetic tape. This VCR uses VHS cassettes — and since VHS is the most popular video system in the world, there are plenty to choose from. Suffice it to say that a cassette from another kind of VCR cannot be used on this VCR. Ensure that you only buy VHS cassettes of good quality to get the best results from this VCR.

The VCR is a television receiver in its own right. When you record a TV programme, it is being received by the video recorder, not by your TV set. This means that you can record one TV programme on the VCR while you watch another which is being received by the TV set.

Your VCR has two big enemies: other electrical machines, and condensation. Read the instructions for installation carefully, with special regard to the proximity of other electrical devices, and make sure that you never, either during installation or ever in the future — put a cassette still cold from your shopping basket or car, into the VCR without first letting it stand in the room for at least two hours to acclimatise.

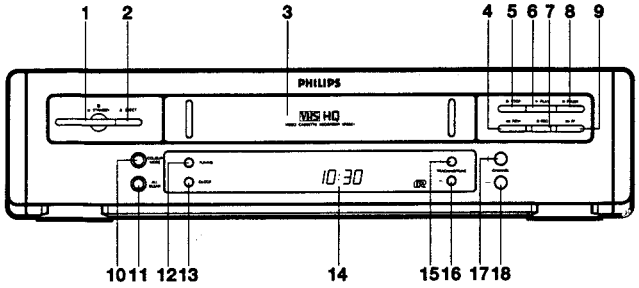
Sometimes your dealer will set up the VCR for you. If this is not the case, simply follow the instructions in Section 1 — Installation. Whatever your situation, it is suggested that you read Sections 2, 3 and 4 thoroughly to familiarise yourself with your VCR's operation.

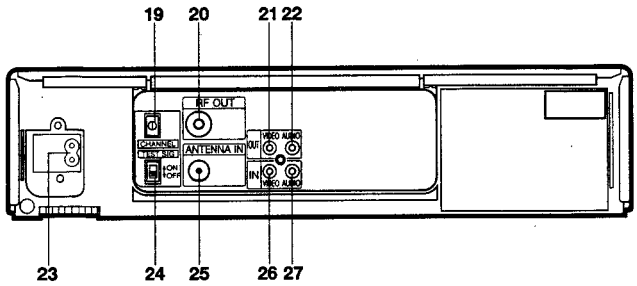
If something happens which you don't expect, or don't understand, refer to Section 8 — Checks before requesting service.

IMPORTANT

Audio-visual material may consist of copyrighted works which must not be recorded without the authority of the owner of the copyright. Please refer to relevant laws in your country.

INSTALLATION 1





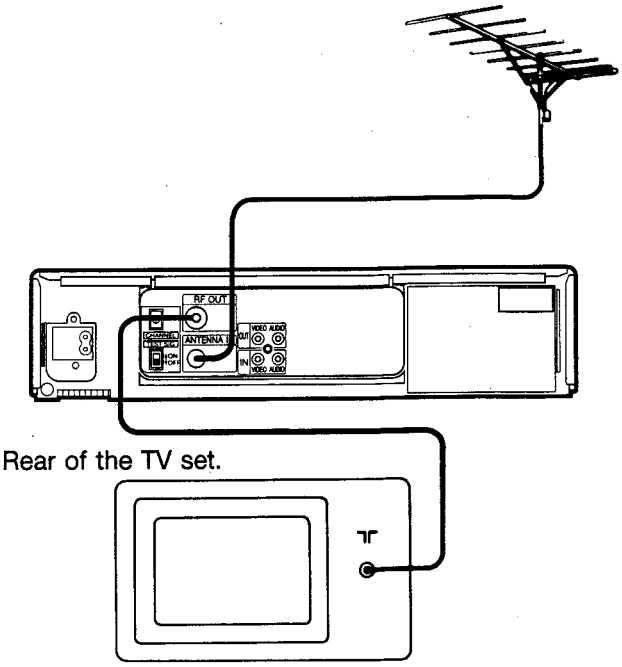
If your dealer has set up your VCR, please go directly to the next section. If this has not been done, follow the instructions in this section.

Once the VCR has been installed, you can still use your TV set in the normal way.

Positioning

Do not place the VCR directly on top of, or underneath, your TV set. Ensure that there is at least 20 cm between the VCR and the TV set, and that air can circulate freely through the ventilation openings of the VCR.

Connection



Rear of the TV set.

Ⓐ Remove the antenna cable from the TV set and plug it into the Antenna in socket (**25**) at the rear of the VCR.

Ⓑ Take the supplied antenna cable and connect it from the RF out socket (**20**) of the VCR to the antenna socket of the TV set.

Ⓒ Check that your supply voltage is the same as that given on the type plate at the rear of the VCR. Plug the supplied AC cord into the AC socket (**23**) on the rear of the VCR and then into a mains supply wall outlet.

AV connection

Ⓓ If your TV is equipped with AV (Audio/Video) sockets (check in the TV operating instructions), you may prefer to connect the TV and VCR via their AV sockets as well.

Instructions on how to select the AV mode for the TV can be found in the TV operating instructions. Cinch type AV sockets (**21**, **22**, **26** and **27**) are used on this VCR. A range of AV cables is available; see your dealer for the most suitable type.

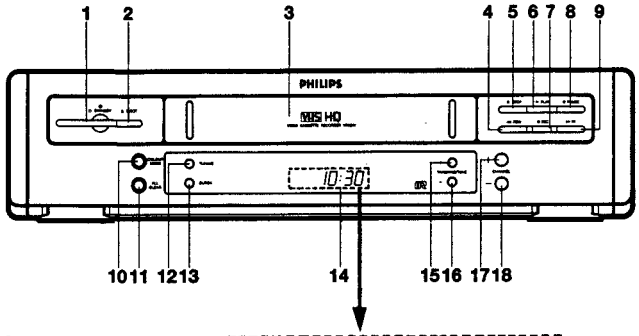
Dew Warning

If there is excessive condensation, the Display (**14**) shows ' DEW ' in which case the VCR cannot be operated.
Dew may condense inside the VCR when it is moved from a cold location to a warm one, after heating a cold room, or under high humidity conditions.
Should the Display (**14**) show ' DEW ' you must wait until the dew evaporates.

- When the power is on, the drum spins, and the dew evaporates more quickly.
- As an extra measure of protection for the video heads, wait another 5 minutes after ' DEW ' goes out before using the VCR.
- The dew sensor may take a few minutes to detect moisture. Accordingly, when the VCR is first hooked up or when the AC cord is plugged into the mains supply again, wait about 30 minutes and confirm that the DEW indicator has not lit before attempting to operate the VCR.

Setting the clock

When you first connect the VCR to the mains, or if the power has been interrupted for more than 20 seconds, the time will not be correct and the display will flash.



In case of 24 Hour Display

- Setting the time — hour : minute
- Setting the date — day . month
- Setting the year — year

In case of 12 Hour Display

- Setting the time — hour : minute AM/PM
- Setting the date — day . month
- Setting the year — year

- This clock can be set either to show a 24 hour display or a 12 hour display with AM/PM indicated.
- Once the display is set, it will not be necessary to reset it every time a change is made, including when setting the timer programme.
- To set the clock, proceed as follows.

Note:
You can also set the clock with the remote control unit.

Ⓐ Press the Clock set button (**13**). The Display (**14**) flashes " 24H ".

Ⓑ Press the Up + or Down − button (**17** or **18**) to select the desired display.
24H : 24-Hour display
12H : 12-Hour display with AM/PM indicated.

Ⓒ Press the Clock set button (**13**). The Display (**14**) shows " 0:00 " (in case of 24-Hour display), which will flash rapidly. ("hours" and "minutes")

Ⓓ Press the Up + or Down − button (**17** or **18**) until the hour digits show the correct hour. (First the minute digits will change until "00" has passed twice.) After setting the hour, press the Up + or Down − button (**17** or **18**) again until the minute digits show the correct minute.

- Every time the Up + or Down − button is pressed, the number goes up or down by one. Press and hold to move through the numbers rapidly.

Ⓔ Press the Clock set button (**13**). The date ('day' and 'month' with "D" and "M") will flash.

Ⓕ Press the Up + or Down − button (**17** or **18**) until the month digits show the correct month (First the day digits will change until "1" has passed twice.) After setting the month, press the Up + or Down − button (**17** or **18**) again until the day digits show the correct day.

Ⓖ Press the Clock set button (**13**) The year will flash. (Last 2 figures with "Y" are displayed)

Ⓗ Press the Up + or Down − button (**17** or **18**) as necessary until the year shown on the Display (**14**) is correct.

Ⓘ Press the Clock set button (**13**). The clock is now set. The Display (**14**) shows the time and the " : " will start flashing. The clock then starts operating.

Notes:
- To start the setting procedure right from the beginning (including when changing between "12 hour" and "24 hour" display), repeat steps Ⓐ through Ⓘ.
- If the precise clock time is required (within a second), after setting the year do not press the Clock set button until the exact start of the minute. The clock will start operating as soon as the Clock set button is pressed.

Tuning the TV set to the VCR

To view the output of your VCR on the television screen, you must select an unused channel or the AV channel (reserved for the VCR) on your TV and tune it to the RF output channel of your VCR. (Factory preset to UHF channel E36.)

Ⓐ Switch on your TV set.

Ⓑ Press the On-Standby button (**1**) to switch on the VCR.

Ⓒ Set the Test sig. switch (**24**) at the rear of the VCR to the 'ON' position.

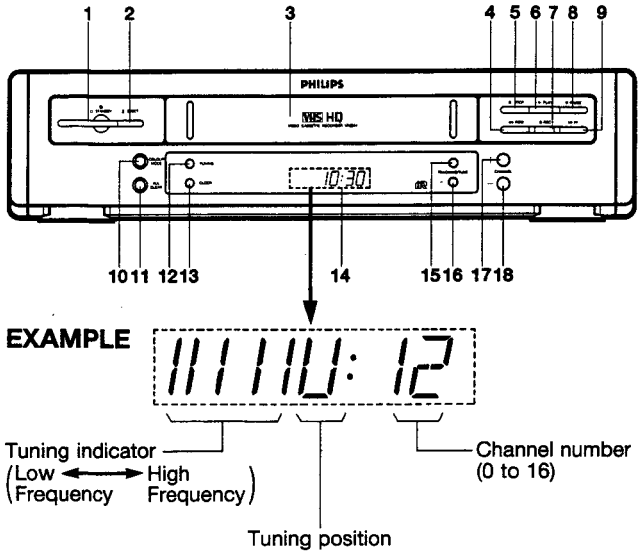
Most modern TV sets have a number of pre-selector buttons used to select TV channels. One of these should be reserved for the VCR; refer to the TV operating instructions to determine which pre-selector to choose. Tune this pre-selector until the TV set shows a black and white test pattern.
The test pattern should be on channel E36 UHF.

In some areas, there may be interference from a TV station broadcasting on channel E36, which will cause picture and/or sound disturbance.
In this case, use a small screwdriver to tune the VCR output channel "◍" adjuster (**19**) on the back of the VCR clockwise and re-tune the preselector of your TV set.

Ⓓ Set the Test sig. switch (**24**) to the 'OFF' position.

Presetting the built-in tuner

You can store up to 17 TV channels in the VCR's memory. These preselector numbers will be used later to specify which TV channel is to be recorded.



Ⓐ Press the On-Standby button (**1**) to switch on the VCR, if necessary.

Ⓑ Make sure that the TV is switched on, and select the VCR channel.

Ⓒ Press the Tuning button (**12**) to select the desired tuning position.

U: UHF
Press the Tuning button once; "U" appears on the Display (**14**) depending on the channel.

Note:
In the normal position, "U" will not light. (Press the Tuning button a second time to select the normal position ("U" are not lit).)

Ⓓ Select the Preselector number you wish to preset using the channel Up + button (**17**) or channel Down − button (**18**).

Ⓔ Press the Tune Down − button (**16**) or Tune Up + button (**15**) to select the desired channel.

Repeat step Ⓔ until the channel you require is displayed on the TV set.

Ⓕ Repeat steps Ⓓ and Ⓔ until all the channels you require have been preset.

Ⓖ Press the Tuning button (**12**) to select the normal position.

Channel Skip

The Channel Skip function allows you to skip over unused (empty) preselector when changing channels.

Ⓐ Press the Tuning button (**12**) to select the 'UHF' ("U") position.

Ⓑ Select the channel number to be skipped using the channel Up + button (**17**) or channel Down − button (**18**).

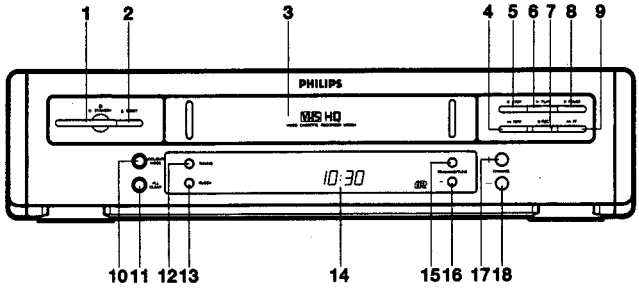
Ⓒ Press the Cancel button (**36**) on the remote control unit. The preselector number starts flashing and the Skip function is set.

Ⓓ Repeat steps Ⓑ and Ⓒ until all undesired preselector numbers have been skipped.

Ⓔ Press the Tuning button (**12**) to select the normal position.

Note:
The Skip function for a given channel is automatically cancelled if that channel is preset again.

CASSETTES 2



Use only VHS video cassettes with this VCR. A range of blank cassettes is available, when recording/playback times of up to 4 hours with an E-240 cassette.

Inserting and removing cassettes

Ⓐ Video cassettes can be used on only one side. Hold the cassette with the title label facing you and the window side up. Insert the cassette into the opening of the cassette holder (**3**), pushing it gently to the back; it will be caught and drawn inside.

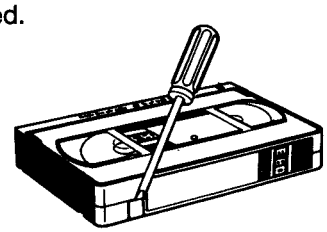
Ⓑ To remove the cassette, press the Eject button (**2**). The cassette will reappear, ready for removal.

Recording and re-recording

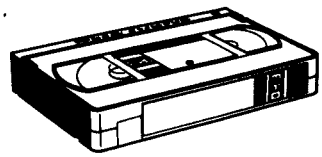
It is recommended that you note down the start and finish tape position readings shown on the Display (**14**) when you record a cassette; you can write this on the cassette's index card. The tape counter is automatically reset to '0:00.00' at the beginning of the tape. When you record on a cassette, any previous recording on that part of the tape is erased.

Protecting recorded cassettes

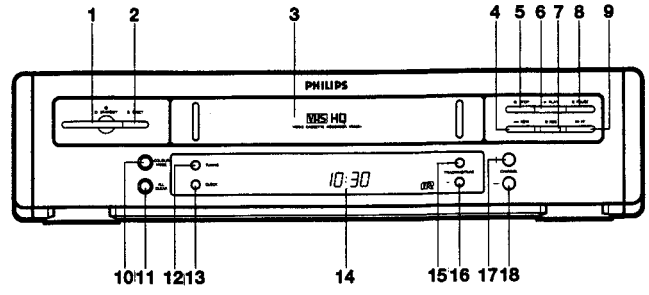
Ⓐ You can protect the recording on a cassette by removing the erasure protection tab. Use a small screwdriver or other pointed object to break off the tab. Then the cassette cannot be accidentally erased or rerecorded.



Ⓑ You can make a protected cassette unprotected again by covering the hole where the tab was with adhesive tape.



PLAYBACK OF A CASSETTE 3



Ⓐ Switch on the TV set and select the VCR channel.

Ⓑ Take the cassette out of its case. Hold it with the title label facing you and the window side up. Gently insert the cassette into the opening of the cassette holder (**3**).

Inserting a cassette will automatically switch the VCR from standby mode to on mode.

Wind or rewind the cassette, if necessary.

Ⓒ Press the Play button (**6**). The cassette starts running and the programme is shown on your TV set.

If the picture is affected by interference or is partly distorted, adjust the tracking, using the Tracking Up +or Down − button (**15** or **16**)

Ⓓ Press the Stop button (**5**) to stop playback.

Before ejecting the cassette, rewind completely for storing.

Notes:
- To eject a cassette while the VCR is in the standby mode, it is not necessary to switch the VCR on.
  Simply press the Eject button.
  The VCR will switch on, eject the cassette and switch back to standby mode automatically.
- When the tape reaches its end during playback or wind, the VCR automatically rewinds the tape, ejects the cassette, and switches back to standby mode ('automatic rewind').

Digital Auto Tracking

This VCR is equipped with the Automatic Tracking control function.
With this function, you can always get the best playback picture, without the need for complicated adjustments.

This function is activated in the following cases:
- When playback begins, just after a cassette is inserted.
- When both tracking buttons (+ and −) are pressed at the same time.
- After passing over an unrecorded portion on the tape being played back.

Notes:
- The Automatic Tracking function does not operate during special playback mode.
- The Automatic Tracking function will not be activated during playback if any mode button was pressed before playback began.
- When the Tracking Up + or Down − button is pressed, the Automatic Tracking mode is cancelled (Manual Tracking Control).
- When a poorly recorded tape is played back, auto tracking may not operate normally. In this event, manually adjust the tracking with the Tracking Up + or Down − buttons to make any noise disappear.

Linear Tape Counter

The tape position is displayed in hours, minutes and seconds with the 5-digit display.

For Counter Display

Initially, the Channel will be displayed when the VCR is operated.

After pressing the Mode button (**32**) twice, the tape counter is displayed.

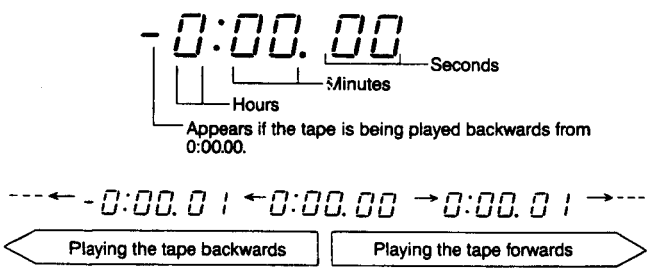
The counter will not change if playing a blank tape or an unrecorded portion of the tape.

Resetting Counter to '0:00.00'

Make sure the counter is displayed
Then press the Cancel button (**36**). '0:00.00' will appear on the Display (**14**).

Note:
The counter will be reset to '0:00.00' if the tape is rewound completely.

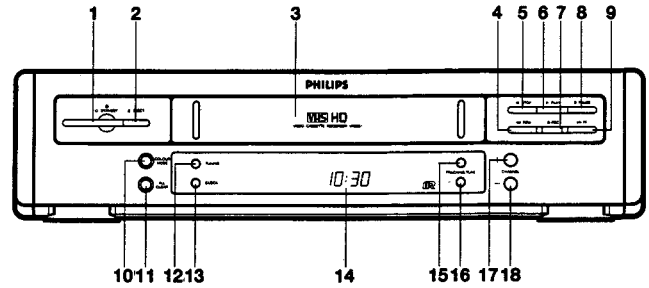
Counter Display



Auto Head Cleaning System

When the tape is inserted or ejected during playback, this system automatically cleans the drum and video heads with a special roller before recording or playback begins, protecting the video heads and drum from dirt and preserving beautiful picture quality.

OPERATION OF CONTROLS 4



On-Standby button (1)

Pressing this button either switches the VCR on (the red indicator will light), or to standby mode.
The VCR should remain connected to the mains to ensure that unattended recordings can be made and to enable normal TV reception.

Display (14)

The Display comprises several indicators, some of which are described below. The rest will be described as they are encountered.

a The "PROG" indicator: See Section 7 — Unattended recording of TV programmes.

b The OTR indicator lights when a One touch/ Delayed recording is in operation or a delayed recording has been prepared.

c The "TIMER" indicator: See Section 7 — Unattended recording of TV programmes.

d This display shows the time (present time, start and ending times of unattended recordings), operation modes, linear tape counter channel, tuning mode, colour mode and DEW warning.
The present time, channel operation modes, and linear tape counter are displayed in turn by pressing the Mode button (**32**) on the remote control unit.

Each indication is explained below.

	DISPLAY	EXPLANATION
CLOCK	10:30 10:30 AM	The clock shows the present time or the start-time ending-time of a timer-recording. ("24-H" or "12-H") When the VCR is on standby, the clock shows the present time. If the time is not correct or flashing, proceed as described in Section 1, "Setting the clock", steps Ⓐ to Ⓘ, to set the clock.
DATE	1.01. 92	When in the clock setting mode or timer recording setting mode, the date (DD, MM) is shown. When in the clock setting mode, the last 2 figures of the year with "Y" is shown.
OPERATION MODE	CASS STOP PLAY WIND REW REC PAUSE STILL SLOW PS+ PS- ATR TR + TR -	Lights when no cassette is inserted in the VCR. Lights when the tape is stopped. Lights during playback. Lights during winding. Lights during rewinding. Lights during recording. Lights when the Pause/Still Frame button is pressed during recording. Lights when the Pause/Still Frame button is pressed during playback. Lights when the Slow button is pressed during playback. Lights during Picture Search forward. Lights during Picture Search reverse. Lights when the Automatic Tracking Control function is active. Lights when the Tracking Up + button is pressed during playback. Lights when the Tracking Down − button is pressed during playback.
TAPE COUNTER	0:00:00	Tape position is displayed in hours, minutes and seconds.
CHANNEL	CH 12 AV SI 12	When a channel is selected, the channel number with "CH" is displayed. Lights when the AV channel is selected. Lights when the simulcast function is engaged.
TUNING MODE	III U: 12	When the built-in tuner is preset, the tuning level, the selected band and number of preselector are shown.
COLOUR MODE	PAL AUTO	Lights when the Colour mode button is pressed. (See "colour mode button" in this Section.)
WARNING	DEW	If the "DEW" warning lights, this means that there is excessive condensation or "DEW" inside the unit — see Section 1.

Note:
If the operation mode changes when the tape counter, channels or present time is displayed, the new operation mode is displayed for a few seconds, then returns to the previous display.

Channel/Clock/Timer Up and Down buttons (17) and (18)

These buttons are used for changing channels, setting the clock and setting the timer.

Eject button (2)

Pressing this button ejects the cassette.

Play button (6)

When this button is pressed, the cassette is played back.

Record button (7)

Press this button to start recording.

Wind/Picture search forward ▶▶ FF (9) and Rewind/Picture search reverse ◀◀ REW (4) buttons

Both these buttons have two functions:

Wind/Rewind — When the VCR is not in playback (incl. Still, Slow or Picture Search) mode, pressing these buttons will make the tape wind forward or backward respectively, at high speed.

Picture search — When the VCR is in a playback (incl. Still or Slow) mode, pressing these buttons will play the tape forward or backward at high speed. This allows you to quickly find a particular scene. During picture search, the sound is muted.

Pause/Still Frame button (8)

Press this button to temporarily stop the tape during recording or playback. Press again to resume the previous mode. A still picture will be displayed when the button is pressed during playback.
When in Playback Still mode, it is possible to disengage Playback Still and return to Playback mode by pressing the Playback button.

Note:
Pause/Still mode will disengage automatically after about 5 minutes to avoid damage to the tape. If in Record Pause mode, it will return to Stop, and, if in Playback Still mode, it will return to Normal Playback.

Stop button (5)

When this button is pressed, the tape movement stops.

Colour mode selector button (10)

This button should normally be set to "AUTO". However, when receiving weak TV signals or playing back poor quality tapes, set to the following position, by pressing once or twice.
By pressing this button once, the present colour mode appears on the Display (**14**).
While it is being displayed, the Colour mode can be changed. "AUTO" and "PAL" are displayed in turn by pressing this button.

PAL: A PAL TV signal is received or PAL recorded tape can be played.

Note:
The colour mode will be displayed for 2 seconds after the Colour Mode Select button is pressed. It will then return to the previous display (before the Colour Mode Select button was pressed).

Tracking/Tune Up and Down buttons (15 and 16)

These buttons have the following two functions

• Tracking control
If noise bars appear on the screen during playback or slow mode, press the Up + or Down − buttons until the noise disappears from the screen.

Note:
- To adjust the tracking in the still mode, first go to the slow mode and adjust the tracking control, then go back to the still mode.
  ⋆The tracking will be reset to normal when a cassette is ejected.
- Depending upon the kind of TV or prerecorded tapes,there may be vertical jitter in the still mode. If this happens, press the Up + or Down − button until the jitter is minimal.

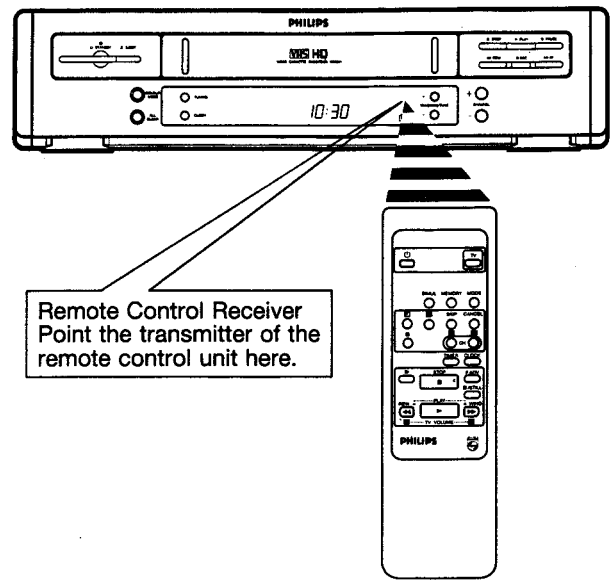
• Tuning
When presetting the built-in tuner, press the Up + or Down − button to select the desired TV channel. (See Section 1 — Presetting the built-in tuner).

All Clear button (11)

When the VCR has been malfunctions and does not respond to any button being pressed, press this button to reset.

Note:
By pressing the All Clear button, the clock and timer memories must be cleared.

REMOTE CONTROL 5



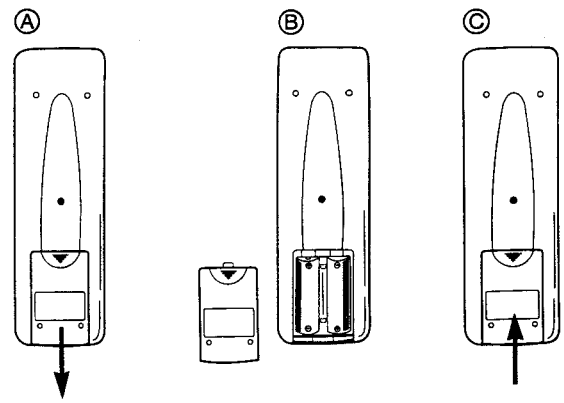
You can control the main functions of this VCR from the comfort of your armchair, using the infra-red remote control unit.

Battery Insertion

Ⓐ Slide and remove the battery cover as illustrated.

Ⓑ Insert two batteries (supplied).
The correct battery type is UM-3 (R6) or equivalent.

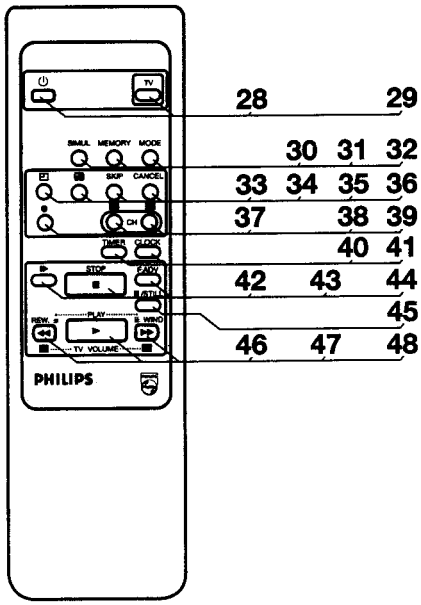
Ⓒ Replace the battery cover.



Note:
Incorrect battery use may cause leakage or damage. Observe the following precautions.

- Insert the batteries observing the correct polarity as indicated inside the battery compartment.
- Do not mix new batteries with old one.
- Do not use different kinds of batteries.
- When the batteries are exhausted or when the unit will not be used for a long period of time, remove the batteries.

Remote Control Functions



Mode button (32)

Pressing this button changes the contents of the Display (**14**): from "Channel" to "Operation mode", then "Counter", "Clock", and back to "Channel" again.

Note:
During One Touch Recording or timer recording, the STOP-time is displayed. For checking the Channel, Operation mode, Counter, or Clock, press the Mode button.

Cancel button (36)

The Cancel button has the following four functions:

- Prog Cancel — Pressing the Cancel button in the programme setting mode cancels that programme setting.
- Delayed OTR Cancel — Pressing the Cancel button while setting the Delayed OTR (the Delayed OTR time is flashing), cancels the delayed OTR setting.
- Counter Reset — Pressing the Cancel button while the counter appears on the Display (**14**), resets the counter to '0:00.00'.
- Channel Skip — Pressing the cancel button while presetting the built-in tuner skips the selected channel number.

Frame advance button (F.ADV) (44)

Hold down the Frame advance button to view continuous frame advance pictures during the still mode.

Note:
To avoid damage to the tape, the VCR will resumes normal playback after about 5 minutes of frame advance picture.

Slow button ▮▶ (42)

Press the Slow button during playback to view the picture in slow motion.
Press the Play button (**47**) to resume normal playback.

Note:
To avoid damage to the tape, the VCR will resume normal playback after about 5 minutes of slow playback.

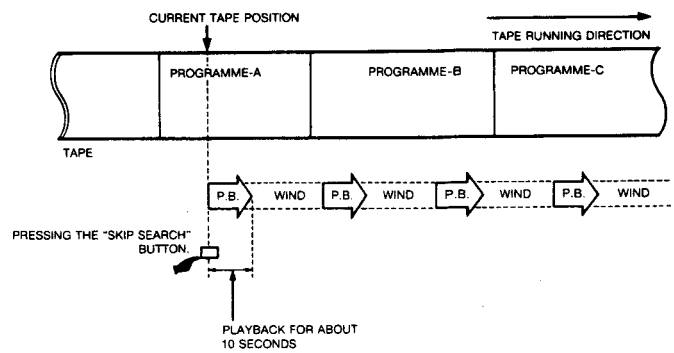
TV mode button (29)

Some TV functions of most Philips colour televisions can be controlled using this remote control unit.

- By pressing and holding this button while pressing the ON-standby button, CH Up +/Down – button, or Volume Up +/Down – button, you can switch on/off the power, select the channel, or control the volume of your TV.

Skip Search button (35)

With this function "Playback" and "Wind" are automatically repeated, so you can view 10-second segments for every 10 minutes of the recording.



Make sure the VCR is on and a cassette is inserted. Press the Skip search button on the remote control unit; playback begins.

During Skip Search, the play or wind mode indicator will flash.

The VCR automatically alternates between 10 seconds of playback and a few seconds of winding (a few seconds of winding advances the programme by 10 minutes).

- To cancel Skip Search, press any mode button on the remote control unit. The selected mode will start. (The Record, Pause/Still and Slow buttons are not effective in Skip Search wind mode. The Record button is also not effective in Skip Search Play mode.)

Notes:
- When the tape reaches its end during Skip Search, the tape movement stops (Skip Search is cancelled) and the VCR switches to automatic rewind mode.
- If playing or winding a blank tape or an unrecorded portion of the tape, the play or wind will be continued.

Counter Memory (Zero-Return) button (31)

With this function, the initial starting position (counter "0:00.00") of playback or recording can be found easily.

Make sure that the VCR is on and that a cassette is inserted.

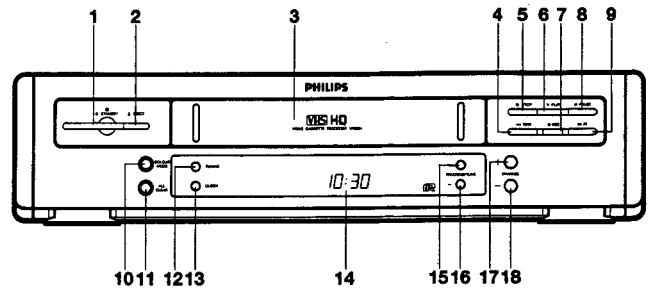
Ⓐ Press this button on the remote control unit. Either wind or rewind begins depending on the present tape position (counter "0:00.00").

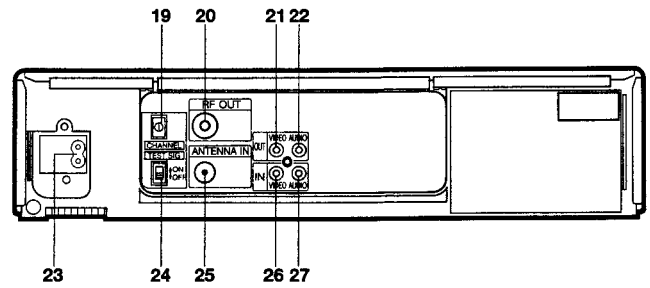
Ⓑ To cancel Zero-Return, press the Stop button.

Notes:
- If the tape runs out before finding the "0:00.00" position, the Zero-Return is cancelled.
- In the record mode, the Zero-Return can not be engaged.

ATTENDED RECORDING OF TV PROGRAMMES

6





This method of recording allows you to start recording a TV programme while you are present.

Simulcast Recording

By connecting an audio source through the Audio in socket (**27**) on the rear, an audio source can be recorded simultaneously with a TV programme (video signal only).

To perform simulcast recording, simply press the Simulcast button (**30**); the Display (**14**) shows "SI" (and channel number).
To cancel simulcast recording, press the Simulcast button (**30**) again.

Switching input signals

Audio and video signals for recording can be selected as explained in the chart. Tuner and external modes are selected with the Up + or Down − button (**39** or **38**) and the Simulcast mode is selected by pressing the Simulcast button (**30**).

Input Mode	Display	Recording Signals	
		Video Track	Audio Track
Tuner	CH 12*	Signal from VCR tuner	
External	AV	Signal from Video — in terminal	Signal from Audio — in terminal
Simulcast	SI 12*	Signal from VCR tuner	Signal from Audio — in terminal

*: preselector number

Attended Recording Procedure

Ⓐ Press the On-Standby button (**28**) to switch on the VCR, if necessary.

Ⓑ Select the TV channel which you want to record by pressing the Up + or Down − button (**39** or **38**).

To record from an external source via the AV sockets (**26**, **27**), select channel AV, located after channel 16, before channel 0, using the Up + or Down − button (**39** or **38**).

Ⓒ To record simulcast broadcasts, press the Simulcast button (**30**). The channel indicator (" CH ") goes off, and the "SIMUL" indicator (" SI ") on the display (**14**) lights up.

Ⓓ Switch on the TV set and select the VCR channel.

Ⓔ Load an unprotected cassette into the cassette holder and wind or rewind as necessary.

Ⓕ When the TV programme starts, press the Record button (**37**).

If the erasure protection tab on the cassette in the holder has been removed, the cassette will be ejected.

Ⓖ You do not need to have your TV set switched on. Also, you can watch another channel on the TV set and using the TV channel selectors, without affecting the recording.

Ⓗ When the programme has finished, press the Stop button (**43**) or On-Standby button (**28**) to stop recording.

Ⓘ Press the Eject button (**2**) to eject the cassette.

Notes:
- If you want to interrupt recording temporarily, press the Pause/Still Frame button; press the Pause/Still Frame button again to continue recording. This ensures a clean, interference-free continuation ('automatic assembly').
- The Record Pause mode will disengage automatically after about 5 minutes and return to Stop, to avoid damage to the tape.
- If the tape reaches its end during recording, the cassette tape will be automatically ejected and the VCR will go into standby mode.

One Touch Timer Recordings (OTR)

This type of recording is useful if you want to record a TV programme (which you may or may not already be watching) for a certain, defined time, and then let the VCR switch off automatically; if you want to go to sleep for example.

Ⓐ Press the On-Standby button (**28**) to switch on the VCR, if necessary.

Ⓑ Load an unprotected cassette into the cassette holder and wind or rewind as necessary.

Ⓒ Select the TV channel to be recorded using the Up + or Down − button (**39** or **38**).

To record from an external source via the AV sockets (**26**, **27**), select channel AV.

Ⓓ Press the Simulcast button (**30**) to record simulcast broadcasts.

Ⓔ Press the OTR ⏲ button (**33**). Recording starts. The recording STOP-time is shown on the Display (**14**).

The first press of the OTR ⏲ button (**33**) also raises the current minutes setting (Ex. AM 8:14) to a number divisible by 10 (Ex. AM 8:20). It will also raise the 'hour' digits, if required (Ex. AM 9:00). When the clock reaches the set STOP-time, the recording automatically stops.

If the erasure protection tab on the cassette in the holder has been removed, the cassette will be ejected.

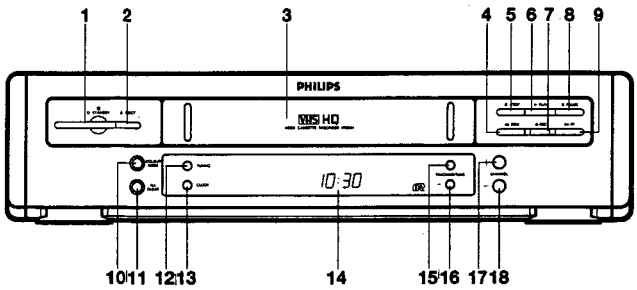
Ⓕ Every time you press the OTR ⏲ button (**33**) again, the recording STOP-time is increased by 10 minutes. (When pressed and held, the number increases continuously; it also raises the 'hour' digits, if required.)

You can alter the minutes of the recording STOP-time using the Up + or Down − button (**39** or **38**). (Each press changes the minutes by one. Press and hold the button to change the minutes continuously.)

Notes:
- If you want to cancel the OTR function, press the Stop button.
- If the tape reaches its end during OTR, the cassette tape will be automatically ejected and the VCR will switch to standby (VCR off) mode.

UNATTENDED RECORDING OF TV PROGRAMMES

7



There are two ways of making unattended recordings of TV programmes: you can use the delay feature in combination with OTR recording (which is simple and convenient for making one recording), or you can preprogramme the VCR. Pre-programming enables the VCR to switch itself on and record a TV programme at a particular time, on a particular day up to 365 days in advance (or every day or every week at the same time).

Delayed recording

This method of recording is convenient if you just want to record one TV programme which is to be broadcast within the next 24 hours.

Ⓐ Press the On-Standby button (**28**) to switch on the VCR, if necessary.

Ⓑ Load an unprotected cassette into the cassette holder and wind or rewind as necessary.

Ⓒ Select the TV channel to be recorded using the Up + or Down − button (**39** or **38**).

To record from an external source via the AV sockets (**26**, **27**), select channel AV, located after channel 16 and before channel 0.

To record simulcast broadcasts, press the Simulcast button (**30**).

Ⓓ Press the Delay ■ button (**34**). The 'START' and '⊡', indicators and the present time flash on the Display (**14**).

Ⓔ Press the Delay ■ button (**34**) again. This raises the present time (Ex. AM 8:14) to a number divisible by 10 (Ex. AM 8:20).

Ⓕ Every time you press the Delay ■ button (**34**) the recording START-time is increased by 10 minutes. (When pressed and held, the number increases continuously; it also raises the 'hour' digits, if necessary.)

Ⓖ Press the Up + or Down − button (**39** or **38**) to adjust the minutes, if necessary.

Ⓗ Press the OTR ⊡ button (**33**) as many times as required to set the recording STOP-time.

Ⓘ If necessary, use the Up + or Down − button (**39** or **38**) to adjust the minutes.

Ⓙ Press the On-Standby button (**28**) to turn off the power.

Notes:
- If you don't press the On-Standby button, the VCR automatically starts recording when the START-time comes.
- It is not possible to change the channel on the VCR until after the recording has been completed.

Confirming a delayed recording

If you want to confirm the START-time and STOP-time, press the Delay ■ button (**34**) once to confirm the starting time and press the OTR ⊡ button (**33**) once to confirm the ending time.

The display will return to the previous mode after ten seconds.

Cancelling a delayed recording

Ⓐ Press the On-Standby button (**28**) to switch on the VCR.

Ⓑ Press the Delay ■ button (**34**) or OTR ⊡ button (**33**).

Ⓒ Press the Cancel button (**36**) to cancel the delayed recording.

Note:
If you play back a tape after a delayed recording has been set; the delayed recording is cancelled when the START-time comes.

Pre-programming an unattended recording

Details of the TV programmes to be automatically recorded are stored in the programme memory. There are eight programme memory blocks available, so you can pre-programme the VCR to record eight different TV programmes.
Each programme memory block has an indicator (1, 2, ..., 8) which lights up in turn on the Display (**14**).

Note:
First check that the present time is correct (if not, refer to Section 1 — Setting the clock).

Ⓐ Load an unprotected cassette and wind or rewind as necessary. If an unprotected cassette is already loaded, make sure the VCR is on.

Ⓑ-1 Press the Timer button (**40**).

A programme block number will flash on the Display (**14**). ("PROG" indicator will light up)
The displayed programme block number is the lowest one which has not been pre-programmed.
If all the programme blocks have already been set, block number 1 is displayed.
Press the Up + or Down − button (**39** or **38**) to select the programme block number.
(Proceed to Ⓑ-2 if the programme block number is set to the lowest one which has not yet been programmed.)

Ⓑ-2 Press the Timer button (**40**). The present date "day and month" will start flashing.

Press the Up + or Down − button (**39** or **38**) until themonth digits show the month of the recording start day.
After setting the month, press the Up + or Down − button (**39** or **38**) again until the day digits show the recording start day.

Ⓑ-3 Press the Timer button (**40**): "Day and Month", programme block number and "PROG" indicators disappear, and "D" (Daily) and "W" (Weekly) start flashing.

Press the Up + or Down − button (**39** or **38**) to select either DAILY or WEEKLY.
(Proceed to Ⓑ-4 if the programme setting is neither daily nor weekly.)

One Recording — "D" (Daily) and "W" (Weekly) flash on the Display (**14**).
Daily Recording — "D" (Daily) flashes on the Display (**14**).
Weekly Recording — "W" (Weekly) Flashes on the Display (**14**).

Ⓑ-4 Press the Timer button (**40**). "D" (Daily) and "W" (Weekly) disappear, and the start time display starts flashing.

Press the Up + or Down − button (**39** or **38**) until the hour digits show the hour of the recording start time. After setting the hour, press the Up + or Down − button (**39** or **38**) again until the minute digits show the recording start time.

Ⓑ-5 Press the Timer button (**40**). The start time display disappears and the stop time display begins flashing.

Press the Up + or Down − button (**39** or **38**) until the hour digits show the hour of the recording stop time.
After setting the hour, press the Up + or Down − button (**39** or **38**) again until the minute digits show the recording stop time.

Ⓑ-6 Press the Timer button (**40**).
The channel to be recorded starts flashing.

Press the Up + or Down − button (**39** or **38**) as necessary to set the channel.

To record from an external source via the AV sockets (**26** or **27**), select channel AV, located after channel 16, before channel 0.

Ⓑ-7 To record simulcast broadcasts, press the Simulcast button (**30**).

The "SIMUL" indicator ("SI") on the Display (**14**) will be lit up.

Ⓑ-8 Press the Timer button (**40**). The previous mode and "PROG" indicator will be shown on the Display (**14**). Programming is now complete.

If you want to pre-programme additional recordings, repeat steps Ⓑ-1 to Ⓑ-8.

Ⓒ Press the On-Standby button (**28**) to switch-off the VCR and to activate the timer.

Notes:
- When two or more recordings have been programmed to start at the same time, only the lowest-numbered programme block will be activated.
- If both Delayed OTR and timer programmes are engaged, Delayed OTR takes priority. After Delayed OTR is completed, the VCR will go to the timer mode.
- After Delayed OTR is set, timer programmes cannot be set.
- If a timer programme is set, but the VCR is not in the timer standby mode (i.e., VCR is on), 'TIMER' starts flashing one minute before the recording START-time to indicate that you should switch the VCR to standby mode. (If the VCR is not in standby mode when the recording STOP-time comes, the timer programme is automatically cancelled.) Pressing any button on the remote control will stop the 'TIMER' indicator flashing.

Reconfirming programme

Ⓐ Press the On-Standby button (**28**) to switch the VCR on. ("TIMER" will disappear.)

Ⓑ Press the Timer button (**40**) and the Up + or Down − button (**39** or **38**) to select the desired programme block number.

Ⓒ Press the Timer button (**40**) several times until the required programme content appears.

Ⓓ Press the clock set button (**41**) once.

Ⓔ Press the On-Standby button (**28**) to activate the timer again.

Cancelling a programme

Ⓐ Press the On-Standby button (**28**) to switch the VCR on. ("TIMER" will disappear.)

Ⓑ Press the Timer button (**40**) and the Up + or Down − button (**39** or **38**) to select the desired programme block number.

Ⓒ Press the Cancel button (**36**).

Ⓓ Press the clock set button (**41**) once.

The contents of that programme memory block are erased.

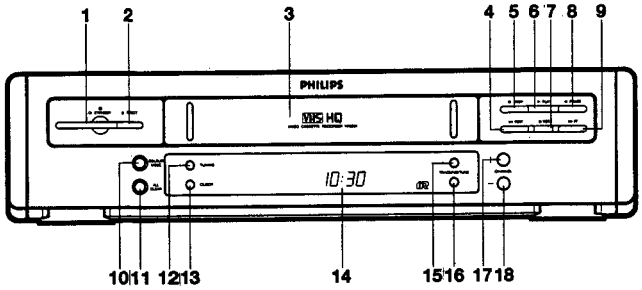
Ⓔ Press the On-Standby button (**28**) to switch-off the VCR and to activate the timer.

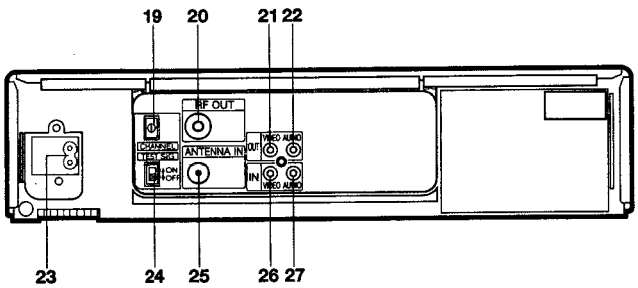
Notes:
- You can only set the timer using the remote control unit.
- The day of the week is not displayed.
- If the "TIMER" indicator is lit, regular VCR operation and setting/cancelling a programme and setting the clock is not possible. For regular VCR operation and setting/cancelling a programme, press the On-Standby button to disengage the timer.
- While timer recording is in process the timer cannot be set.

- To stop timer recording, press the Stop button.
- If no buttons are pressed within one minute while setting a programme, the mode automatically returns to clock or the previous mode.
- If a cassette with the erasure protection tab removed (recording is impossible) is inserted and the VCR is in standby mode after setting a timer recording, the "TIMER" indicator will flash for about five seconds and the cassette will be ejected.
- If the video cassette runs out before recording all the programmes, your VCR will stop, eject the cassette, and turn off automatically.
- If power is interrupted for more than 20 seconds, timer settings may be cancelled.

CHECKS BEFORE REQUESTING SERVICE

8





There may be times when you suspect that your VCR is not functioning correctly. Before calling for service, please check the following list. You may find that an apparent malfunction can be easily rectified.

Phenomenon & Possible Cause	Remedy
Recording or playback not possible.	
a Mains failure or VCR is not connected to the mains.	**a** Reconnect to mains.
b VCR is in Standby mode.	**b** Press the On-Standby button (**1**).
c The cassette loaded is protected against recording.	**c** Use an unprotected cassette to record.
Time flashes on Display (14).	
VCR was disconnected from mains or there was a mains failure for more than 20 seconds.	Check clock and reset it, if necessary. See Section 1.
Recording quality poor.	
a Loose antenna cable.	**a** Connect antenna cable correctly. See Section 1.
b Cassette incorrectly stored.	**b** Use another cassette and store correctly.
c Weak transmitter signal.	**c** See your dealer.
d Poor quality cassette.	**d** Use another cassette.
Poor or no sound/picture on recorded cassette.	
a Cassette incorrectly stored.	**a** Use another cassette and store correctly.
b TV pre-selector reserved for VCR not exactly tuned.	**b** Retune TV pre-selector. See Section 1.
c Poor quality cassette.	**c** Use another cassette.

Cassette holder opens automatically when attempting to record.

Cassette is protected.

Insert an unprotected cassette or cover the erasure protection hole with adhesive tape. See Section 2.

The VCR will not function and does not respond to any button being pressed.

a Mains/antenna disturbance has caused the VCR to stop functioning.

a Press the All Clear button (**11**), and set the clock.

b 'DEW' warning lights on Display (**14**).

b Wait until 'DEW' warning goes out. (See Section 1).

TV channel selected, but no picture or snowy picture is received.

a VCR not connected to mains supply.

a Check power supply plug.

b This TV channel is not broadcasting at the moment.

b Select another TV channel.

Playback does not produce picture.

a Connection cable is not connected properly.

a Check connections between VCR and TV set. (See Section 1).

b TV set not tuned correctly to VCR output channel.

b Retune TV set. (See Section 1.)

Noise bars on playback picture.

Tracking control is not adjusted.

Press the Tracking Up + or Down – button (**15** or **16**) to obtain a clear picture.

Rewinding is not possible.

Tape already at start point.

Play or fast forward as required.

Tape does not run when pressing the Play or Record buttons.

The Pause/Still Frame button (**8**) has been accidentally pressed.

Press the Pause/Still Frame button (**8**) to cancel pause/still mode.

Cassette cannot be inserted.

A cassette is already inserted.

Press the Eject button (**2**) to eject the cassette.

Picture shakes at the top.

TV set is not properly tuned to the VCR output.

Read your TV operation instructions regarding tuning to VCR.

TECHNICAL DATA 9

General

Mains voltage	220V±10% AC
Mains frequency	48 to 52Hz
Power consumption	Approx. 19 watts
Wind/rewind time	6 min. typical for E-240 cassette
Ambient temperature	+5 to +40°C
Humidity	30 to 80% RH
Dimensions	380×89×324mm
Weight	4.8kg approx.
Position for use	max. 15° inclination on all sides
Possible number of TV channels	17
Modulator channel	E36 (E30~E39 adjustable)
Number of pre-programmable memory blocks	8
Number of days in advance	365, or every day, or every week

Band	**Channels**
UHF	E21~69

Video

Input via cinch socket	0.5~2.0Vp-p, 75 ohm
Output via cinch socket	1.0±0.2Vp-p, 75 ohm
Resolution	better than 240 lines
Signal/noise ratio	better than 45dB

Audio

Input via cinch socket	−8dBs, 47K ohm (0dBs=0.775Vrms)
Output via cinch socket	−8dBs, 1K ohm (0dBs=0.775Vrms)
Signal/noise ratio	better than 42dB
Audio frequency response	80 to 8,000Hz

Data subject to change without notice.

Accessories supplied

Instructions for use
Remote control unit
Batteries for remote control unit.
75 ohm coaxial connector cable
AC cord